



Using NHI-pharma Cloud Data combined with Pharmacist consultations to improve the safety of in-patients in the acute psychiatric ward - Taking One Northern General Hospital as an Example

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Introduction

In 2017, a bipolar disorder patient of severe adverse drug reactions caused by drug interactions after the use of lithium and antihypertensive drugs. Measures to explore the safety of interdisciplinary multi-drug use in mental patients is worthy of attention and then design a pharmacy consultation mechanism to integrate cross-domain care. The model in the evaluation of the patient's clinical medication and provides integrated pharmacological care to enhance the medication safety.

Methods

A total of 589 patients were evaluated, Medical disease: 83 (14.1%)with diabetes, 60 (10.2%) with hypertension and 18 (3.1%) with hyperlipidemia. A total of 528 medications of the pharmacist recommended, including 348drug interaction(65.9%), 139 monitoring values of recommended (26.3%).A total of 309(58.5%)of the clinicians received medication recommendations. The reasons for not accepting the medication suggestion are that the patient has severe symptoms and needed special medication(88) and the patient had no significant side effects and continues to be observed (126).

Conclusions

A total of 589 patients were evaluated, Medical disease: 83 (14.1%)with diabetes, 60 (10.2%) with hypertension and 18 (3.1%) with hyperlipidemia. A total of 528 medications of the pharmacist recommended, including 348drug interaction(65.9%), 139 monitoring values of recommended (26.3%).A total of 309(58.5%)of the clinicians received medication recommendations. The reasons for not accepting the medication suggestion are that the patient has severe symptoms and needed special medication(88) and the patient had no significant side effects and continues to be observed (126).

Conclusions

It is not uncommon for patients with acute psychosis to use multiple medicines across disciplines. Doctors accept pharmacists' recommendations to adjust medications or adjust treatment rates by nearly 60%. After the undergraduate started this pharmacy consultation mechanism, in-patients have not experienced serious adverse drug reactions in the past three years. It is obvious that the combination of the health insurance cloud medicine calendar and the pharmacist consultation mechanism is indeed helpful to ensure the safety of patients' medication.

Relevance to HPH

Formulate standardized ward medication routines so that medical staff can pay attention to patient-related medication safety issues even without the assistance of a pharmacist consultation.

keywords

Acute psychiatric ward, cloud medicine history, medication safety